

1. (Amended) An electronic portable appliance,
comprising:

power feed means for supplying electric power;

power storing means for storing electric power of
the power feed means;

a drive circuit connected to be driven by one of
electric power of the power feed means and electric power
stored on the power storing means;

switch means provided on a charging path to charge
power of the power feed means to the power storing means; and

a control circuit provided to compare voltages on a
charging path at forward and rear points of the switch means;

wherein the control circuit turns on the switch
means to charge electric power of the power feed means to the
power storing means when detecting higher is a voltage on the
charging path at the forward point of the switch means, and
turns off the switch means to prevent storage power from
reversely flowing from the power storing means to the power
feed means when detecting lower is a voltage on the charging
path at the forward point of the switch means.

2. (Amended) An electronic portable appliance,
comprising:

power feed means for supplying electric power;

power storing means for storing electric power of
the power feed means;

Add Cont

a drive circuit connected to be driven by one of electric power of the power feed means and electric power stored on the power storing means;

a resistance element provided in series on a charging path to charge electric power of the power feed means to the power storing means;

switching means provided on the charging path; and

a control circuit provided to compare voltages on the charging path at forward and rear points of the resistor element and the switch means;

wherein the control circuit turns on the switch means to charge electric power of the power feed means to the power storing means when detecting higher is a voltage on the charging path at the forward point of the resistor element and the switch means, and turns off the switch means to prevent storage power from reversely flowing from the power storing means to the power feed means when detecting lower is a voltage on the charging path at the forward point of the resistance element and the switch means.

3. (Amended) An electronic portable appliance, comprising:

power feed means for supplying electric power;

power storing means for storing electric power of the power feed means;

Agg Cont

a drive circuit connected to be driven by one of electric power of the power feed means and electric power stored on the power storing means;

a diode element provided in a forward charging direction on a charging path to charge power of the power feed means to the power storing means;

switch means provided in series with the diode element on a charging path; and

a control circuit provided to compare voltages on a charging path at forward and rear points of the diode element and the switch means;

wherein the control circuit turns on the switch means to charge electric power of the power feed means to the power storing means when detecting higher is a voltage on the charging path at the forward point of the diode element and the switch means, and turns off the switch means to prevent storage power from reversely flowing from the power storing means to the power feed means when detecting lower is a voltage on the charging path at the forward point of the diode element and the switch means.

4. (Amended) An electronic portable appliance, comprising:

power feed means for supplying electric power;

power storing means for storing electric power of the power feed means;

220 Cent

a drive circuit connected to be driven by one of electric power of the power feed means and electric power stored on the power storing means;

a diode element provided in a forward charging direction on a charging path to charge power of the power feed means to the power storing means;

a resistor element provided in parallel with the diode element on the charging path;

switch means provided in series with at least one of the diode element and the resistor element on a charging path; and

a control circuit provided to compare voltages on a charging path at forward and rear points of the diode element and the resistor element connected in parallel with each other and the switch means;

wherein the control circuit turns on the switch means to charge electric power of the power feed means to the power storing means when detecting higher is a voltage on the charging path at the forward point of the diode element and the resistor element connected in parallel with each other and the switch means, and turns off the switch means to prevent storage power from reversely flowing from the power storing means to the power feed means when detecting lower is a

App Cont

voltage on the charging path at the forward point of the diode means and the resistor element connected in parallel with each other and the switch means.

5. (Amended) An electronic portable appliance according to claim 1, wherein the switch means is a MOS transistor.

App

9. (Amended) An electronic portable appliance, comprising: power feed means for supplying electric power, power storing means for storing electric power of the power feed means, a drive circuit connected to be driven by at least one of electric power of the power feed means and electric power stored on the power storing means, switch means provided between the power feed means and the power storing means, and a control circuit for comparing between a voltage of the switch means on a side of the power feed means and a voltage thereof on a side of the power storing means; wherein the control circuit turns on the switch means when the voltage of the switch means on the power feed means side is higher and turns off the switch means when the voltage of the switch means on the power feed means side is lower.

10. (Amended) An electronic portable appliance according to claim 9, further comprising a resistor element provided between the switch means and the power storing means;

and wherein the control circuit turns on the switch means when the voltage of the resistor element on the power feed means side is higher and turns off the switch means when the voltage of the switch means on the power storing means side is higher.

11. (Amended) An electronic portable appliance according to claim 9, further comprising a diode element provided in a forward charging direction between the switch means and the power storing means; and wherein the control circuit turns on the switch means when the voltage of the diode element on the power feed means side is higher and turns off the switch means when the voltage of the switch means on the power storing means side is higher.

IN THE DRAWINGS:

Enclosed herewith are corrected formal drawings of Figs. 1-6 which contain appropriate labeling in each of the boxes. Applicant requests that the corrected formal drawings be entered in the application file in place of the originally filed drawings.

ADDITIONAL FEES:

No additional fees are believed required; however, should it be determined that a fee is due, authorization is hereby given to charge any such fee to our Deposit Account No. 01-0268.

App. Cont.